

Mandatory information on principal adverse impacts on the climate and other environment-related adverse impacts of the consensus mechanism

N	Field	Content
General Information		
S.1	Name	Zillion Bits Ltd
S.2	Relevant legal entity identifier	254900FESD7AF56FOQ37
S.3	Name of the crypto-asset	EURC
S.4	Consensus Mechanism	<p>Blockchains rely on consensus mechanisms to ensure their decentralized network of nodes can reach agreement around transaction validity and ordering. Most of the blockchains EURC is issued on (Ethereum, Avalanche, Solana, Stellar and Base), rely on Proof-of-Stake consensus, which requires that validators stake the native token (e.g. ETH) as collateral in order to qualify as a validator. Validators are selected for consensus based on the proportion of tokens they have staked, and in some cases can lose some of the staked token if they have been shown to sign invalid transactions. The Stellar blockchain uses a different model for consensus that relies on trusted nodes to validate transactions. Stellar leverages the Stellar Consensus Protocol.</p>
S.5	Incentive Mechanisms and Applicable Fees	<p>EURC does not have its own consensus mechanism, but relies on the consensus mechanism of one or multiple underlying crypto-asset networks.</p> <p>Depending on the token design, incentive mechanisms arise from the utility, scarcity, or governance rights.</p> <p>Each blockchain supported by EURC has developed its own Incentive Mechanisms and requests fees to realise transactions. Please refer to the website of each of these blockchains for more details on the mechanisms in place.</p> <p>As of today, the issuer (Circle SAS) does not take additional fees on these mechanisms.</p>
S.6	Beginning of the period to which the disclosure relates	2023-01-01

S.7	End of the period to which the disclosure relates	2023-12-31
Mandatory key indicator on energy consumption		
S.8	Energy consumption (kWh/year)	8.684
Sources and methodologies		
S.9	Energy consumption sources and Methodologies	Information obtained from an independent third-party white paper. Link to the third-party EURC white paper: https://www.circle.com/fr/legal/mica-eurc-whitepaper Independent third-party: Circle Internet Financial Europe SAS LEI: 969500OYUDADGZKCR583.